

Title (en)

A METHOD FOR ERECTING A WIND TURBINE ON AN OFFSHORE SITE AND A VESSEL FOR ERECTING A WIND TURBINE ON AN OFFSHORE SITE

Title (de)

VERFAHREN ZUM ERRICHTEN EINER WINDTURBINE AN EINEM OFFSHORE-STANDORT UND SCHIFF ZUM ERRICHTEN EINER WINDTURBINE AN EINEM OFFSHORE-STANDORT

Title (fr)

PROCÉDÉ ET NAVIRE POUR ÉRIGER UNE ÉOLIENNE SUR UN SITE OFFSHORE

Publication

EP 2307712 B1 20120222 (EN)

Application

EP 09776169 A 20090709

Priority

- DK 2009000166 W 20090709
- DK PA200800990 A 20080714
- US 8048408 P 20080714

Abstract (en)

[origin: WO2010006602A2] The invention relates to a method for erecting a wind turbine on an offshore site, said method comprises the steps of positioning a first boom of a crane in a substantially horizontal position, arranging a substantially horizontal positioned elongated wind turbine component on said first boom, connecting a distal part of said elongated wind turbine component to a second boom of said crane, said distal part is the upper part of the wind turbine component when the wind turbine is erected, and said second boom is extending at an angle from the longitudinal extension of said first boom, elevating said first boom to a substantially vertical position, modifying the position in the horizontal plane of said elongated wind turbine component, in order to reach a desired erecting position for the component, and disconnecting said distal part of said elongated wind turbine component from said second boom of said crane. The invention also relates to a vessel for erecting a wind turbine on an offshore site.

IPC 8 full level

F03D 1/00 (2006.01); **B63B 35/00** (2006.01); **B66C 23/52** (2006.01)

CPC (source: EP US)

B63B 27/16 (2013.01 - EP US); **B63B 35/003** (2013.01 - EP US); **B66C 23/185** (2013.01 - EP US); **B66C 23/52** (2013.01 - EP US); **F03D 13/10** (2016.05 - EP US); **F03D 13/40** (2016.05 - EP US); **E02B 2017/0043** (2013.01 - EP US); **E02B 2017/0091** (2013.01 - EP US); **F05B 2240/95** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP); **Y02E 10/727** (2013.01 - EP US)

Cited by

CN112771238A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010006602 A2 20100121; **WO 2010006602 A3 20101125**; AT E546640 T1 20120315; CN 102124213 A 20110713; DK 176966 B1 20100802; DK 200800990 A 20100115; EP 2307712 A2 20110413; EP 2307712 B1 20120222; US 2011123274 A1 20110526

DOCDB simple family (application)

DK 2009000166 W 20090709; AT 09776169 T 20090709; CN 200980131545 A 20090709; DK PA200800990 A 20080714; EP 09776169 A 20090709; US 200913003705 A 20090709